Quiz 1 (Chapter 5)

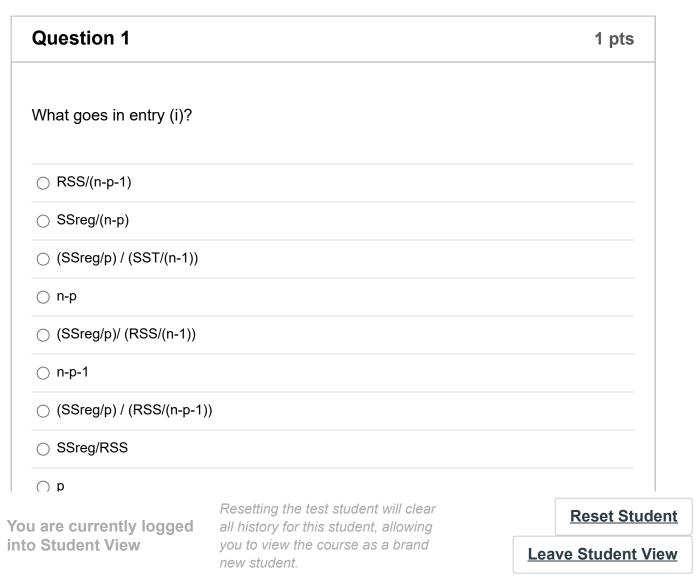
Started: Sep 19 at 5:30pm

Quiz Instructions

Here is an ANOVA table with some entries missing, marked by (i), (ii), (iii), and (iv).

Source of	Degrees of	Sums of squares	Mean square	F
variation	freedom(df)	(SS)	(MS)	
Regression	<i>(i)</i>	SSreg	SSreg/p	F = (iv)
Residual	(ii)	RSS	(iii)	
Total	n-1	SST		

Each question below asks you to fill in each of the missing entries. Select the best answer in each case.



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Question 2	1 pts
What goes in entry (ii)?	
⊖ SSreg/(n-p)	
○ (SSreg/p) / (SST/(n-1))	
○ n-p	
○ RSS/(n-1)	
○ n-p-1	
○ RSS/(n-p-1)	
○ (SSreg/p) / (RSS/(n-p-1))	
○ (SSreg/p) / (RSS/(n-1))	
○ P	
○ p+1	
⊖ SSreg/RSS	

Question 3		1 pts
What goes in entry (iii)?		
○ (SSreg/p) / (RSS/(n-p-1))	
ou are currently logged	Resetting the test student will clear all history for this student, allowing	Reset Studen
nto Student View	you to view the course as a brand	Leave Student Viev

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○ p+1		
○ (SSreg/p) / (RSS/(n-1))		
○ RSS/(n-1)		
○ n-p-1		
○ P		
○ (SSreg/p) / (SST/(n-1))		
○ n-p		
⊖ SSreg/RSS		

Question 4		1 pts
What goes in entry (iv)?		
○ (SSreg/p) / (RSS/(n-p-2))	1))	
○ (SSreg/p) / (RSS/(n-1))		
○ n-p		
○ RSS/(n-1)		
⊖ SSreg/(n-p)		
○ n-p-1		
⊖ SSreg/RSS		
○ RSS/(n-p-1)		
○ (SSreg/p) / (SST/(n-1))		
○ p		
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Not saved

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60You are currently logged
into Student View

Resetting the test student will clear all history for this student, allowing you to view the course as a brand new student.

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